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09/30/03  
U.S. PTO

## UTILITY PATENT APPLICATION TRANSMITTAL

 DUPLICATE

Address to:  
**Box PATENT APPLICATION**  
 Commissioner of Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Attorney Docket No.	LIAW3003/EM	U.S. PTO
First Named Inventor (or identifier)	Ming-Jiun LIAW	09/30/03
Total Pages	57	22141 09/30/03

Transmitted herewith is a patent application under 37 CFR 1.53(b).

Entitled:	Method And Apparatus For The Detection Of The Effective Number Of Gray Levels Of A Display When Showing Motion Images
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 1. Submitted herewith are the following:

15 pages of specification, including claims and Abstract.  
 6 sheets of FORMAL drawings (Figs. 1, 2A-B, 3A-B, 4A-B, 5)  
 15 claims.  
 1 Oath/Declaration signed by each inventor.  
 1 Application Data Sheet.  
 1 Assignment of the invention to Industrial Technology Research Institute,  
 Chutung Hsinchu, Taiwan 310, R.O.C.  
 Cover Sheet, and payment of the \$40 recordal fee.  
 1 certified copy of Taiwan appl no. 091136324. Priority is claimed.  
 1 check in the amount of \$790 (\$750- Filing Fee; \$40- Assignment Recordation Fee).

 2. SMALL ENTITY STATUS IS ASSERTED pursuant to 37 CFR 1.27 for this application. 3. The Commissioner is authorized to credit any overpayment and charge any deficiency in any fees required under 37 CFR 1.16 and/or 1.17, to Deposit Account No. 02-0200. 4. Insert before the first sentence of the specification: -- This application claims the benefit of provisional application number \_\_\_\_\_ filed \_\_\_\_\_ . -- 5. Insert before the first sentence of the specification: -- This application is a Continuation-in-part of nonprovisional application number \_\_\_\_\_ filed \_\_\_\_\_ . -- 6. Other: \_\_\_\_\_.

The registered practitioners representing applicant(s) are J. Ernest Kenney, Reg. No. 19,179; Eugene Mar, Reg. No. 25,893; Richard E. Fichter, Reg. No. 26,382; Thomas J. Moore, Reg. No. 28,974; Joseph DeBenedictis, Reg. No. 28,502; and Benjamin E. Urcia, Reg. No. 33,805.

## THE FILING FEE IS CALCULATED AS FOLLOWS:

Basic Fee: \$750.00

Total Claims:	15	- 20 =	0	X \$18 =	\$0.00
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Independent Claims:	3	- 3 =	0	X \$84 =	\$0.00
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23364  
CUSTOMER NUMBER

Multiple Dependent Claim (add \$280.00): \$0.00

Subtotal: \$750.00

50% Reduction if Small Entity Status: \$0.00

Phone: 703-683-0500	Fax: 703-683-1080	Total:	\$750.00
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Date:	Name:	Signature:	Reg. No.
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	Richard E. Fichter	<i>Richard E. Fichter</i>	26,382
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